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NEWS 4 OCT 03 MATHDI removed from STN
NEWS 5 OCT 04 CA/CaPlus-Canadian Intellectual Property Office (CIPO) added
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NEWS 7 OCT 17 STN(R) AnaVist(TM), Version 1.01, allows the export/download
of CaPlus documents for use in third-party analysis and
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NEWS 8 OCT 27 Free KWIC format extended in full-text databases
NEWS 9 OCT 27 DIOGENES content streamlined
NEWS 10 OCT 27 EPFULL enhanced with additional content
NEWS 11 NOV 14 CA/CaPlus - Expanded coverage of German academic research
NEWS 12 NOV 30 REGISTRY/ZREGISTRY on STN(R) enhanced with experimental
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=> s (type II collagen degradation)

L1 231 (TYPE II COLLAGEN DEGRADATION)

=> s l1 and inhibition

L2 53 L1 AND INHIBITION

=> s l2 and peptide

L3 31 L2 AND PEPTIDE

=> s l3 and trimer

L4 1 L3 AND TRIMER

=> s l3 and dimer

L5 2 L3 AND DIMER

=> d l4 ti abs ibib tot

L4 ANSWER 1 OF 1 USPATFULL on STN

TI Products for regulating the degradation of collagen and methods for identifying same

AB The present invention provides products and methods for regulating the degradation of collagen, including type II collagen. Also encompassed are variants, inhibitors, and mimetics of type II collagen **peptide** fragments and inhibitors of the proteases producing these **peptide** fragments that are capable of modifying the degradation of collagen whereby the pathological effects of increased collagen destruction are reduced. In addition, the present invention provides methods for treating disease states wherein the disease state results directly or indirectly from the degradation of one or more collagen species. Furthermore, the present invention encompasses the screening of these **peptide** fragments for diagnostic purposes.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2004:159405 USPATFULL

TITLE: Products for regulating the degradation of collagen and methods for identifying same

INVENTOR(S): Poole, A. Robin, South Lancaster, CANADA
PATENT ASSIGNEE(S): Shriners Hospital For Children (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004122209	A1	20040624
APPLICATION INFO.:	US 2003-674065	A1	20030930 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2002-414332P	20020930 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	FOLEY AND LARDNER, SUITE 500, 3000 K STREET NW, WASHINGTON, DC, 20007	
NUMBER OF CLAIMS:	92	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	14 Drawing Page(s)	
LINE COUNT:	2184	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d 15 ti abs ibib tot

L5 ANSWER 1 OF 2 USPATFULL on STN

TI Products for regulating the degradation of collagen and methods for identifying same

AB The present invention provides products and methods for regulating the degradation of collagen, including type II collagen. Also encompassed are variants, inhibitors, and mimetics of type II collagen **peptide** fragments and inhibitors of the proteases producing these **peptide** fragments that are capable of modifying the degradation of collagen whereby the pathological effects of increased collagen destruction are reduced. In addition, the present invention provides methods for treating disease states wherein the disease state results directly or indirectly from the degradation of one or more collagen species. Furthermore, the present invention encompasses the screening of these **peptide** fragments for diagnostic purposes.

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INVENTOR(S): Poole, A. Robin, South Lancaster, CANADA
PATENT ASSIGNEE(S): Shriners Hospital For Children (non-U.S. corporation)

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NUMBER OF CLAIMS:	92	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	14 Drawing Page(s)	
LINE COUNT:	2184	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 2 OF 2 USPATFULL on STN

TI Assays for measurement of protein fragments in biological media

AB This invention provides novel antibodies and engineered versions thereof and methodology for monitoring biological media for protein fragments, especially collagen fragments resulting from collagenase cleavage of type II collagen.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

ACCESSION NUMBER: 2000:24466 USPATFULL

TITLE: Assays for measurement of protein fragments in biological media

INVENTOR(S): Otterness, Ivan G., Groton, CT, United States
Mezes, Peter S., Old Lyme, CT, United States
Downs, James T., Norwich, CT, United States
Johnson, Kimberly S., Gales Ferry, CT, United States

PATENT ASSIGNEE(S): Pfizer Inc, New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6030792		20000229
APPLICATION INFO.:	US 1998-184658		19981102 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-65423P	19971113 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	Granted	
PRIMARY EXAMINER:	Stucker, Jeffrey	
LEGAL REPRESENTATIVE:	Richardson, Peter C., Benson, Gregg C., Brokke, Mervin E.	
NUMBER OF CLAIMS:	24	
EXEMPLARY CLAIM:	1	
LINE COUNT:	2789	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> e poole,a/au

E1	1	POOLE Y M/AU
E2	3	POOLE ZOBEL B L/AU
E3	0 -->	POOLE,A/AU
E4	1	POOLEHARRIS T/AU
E5	1	POOLEN L J V/AU
E6	1	POOLEN LAMBERT J VAN/AU
E7	1	POOLER A/AU
E8	1	POOLER A D H/AU
E9	1	POOLER A F W M/AU
E10	18	POOLER A M/AU
E11	1	POOLER AFWM/AU
E12	7	POOLER AMY M/AU

Refine Search

Search Results -

Terms	Documents
L9 and hydroxylated	3

Database:

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L10

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<u>L10</u>	L9 and hydroxylated	3	<u>L10</u>
<u>L9</u>	L8 and (modified peptide)	163	<u>L9</u>
<u>L8</u>	L7 and (type II collagen degradation)	547	<u>L8</u>
<u>L7</u>	Poole.in.	1260	<u>L7</u>

DB=USPT; PLUR=YES; OP=OR

<u>L6</u>	(Gly-X-Lys)	0	<u>L6</u>
<u>L5</u>	l1 and (gly-X-Pro)	0	<u>L5</u>
<u>L4</u>	L1 and (trimer or dimer)	0	<u>L4</u>
<u>L3</u>	L1 and (altering the rate of collagen degradation)	1	<u>L3</u>
<u>L2</u>	L1 and (type II collagen)	1	<u>L2</u>
<u>L1</u>	6110689.pn.	1	<u>L1</u>

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Search Results - Record(s) 1 through 3 of 3 returned.

☐ 1. Document ID: US 20040220236 A1

Using default format because multiple data bases are involved.

L10: Entry 1 of 3

File: PGPB

Nov 4, 2004

PGPUB-DOCUMENT-NUMBER: 20040220236

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040220236 A1

TITLE: 4-Aryl quinols and analogs thereof as therapeutic agents

PUBLICATION-DATE: November 4, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Stevens, Malcolm Francis Graham	Nottingham		GB
Wells, Geoffrey	London		GB
Westwell, Andrew David	Nottingham		GB
Poole, Tracey Dawn	Nottingham		GB

US-CL-CURRENT: [514/357](#); [514/408](#), [514/601](#), [514/679](#), [546/293](#), [548/542](#), [564/86](#), [568/329](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
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☐ 2. Document ID: US 20040122209 A1

L10: Entry 2 of 3

File: PGPB

Jun 24, 2004

PGPUB-DOCUMENT-NUMBER: 20040122209

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040122209 A1

TITLE: Products for regulating the degradation of collagen and methods for identifying same

PUBLICATION-DATE: June 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Poole, A. Robin	South Lancaster		CA

US-CL-CURRENT: [530/324](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw Desc	Ima
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☐ 3. Document ID: US 6132976 A

L10: Entry 3 of 3

File: USPT

Oct 17, 2000

TITLE: Immunoassays for the measurement of collagen denaturation and cleavage in cartilage

DATE-ISSUED: October 17, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Poole</u> ; Anthony Robin	Baie d'Urfe			CA
Hollander; Anthony Peter	Greystones			GB
Billinghurst; R. Clark	Fort Collins	CO		

US-CL-CURRENT: 435/7.1; 424/1.49, 424/9.3, 424/9.34, 435/23, 435/328, 435/331, 435/7.9, 435/7.92, 435/975, 436/518, 530/326, 530/327, 530/328, 530/388.1, 530/388.85, 530/391.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw Desc	Ima
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L9 and hydroxylated	3

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Search Results -

Terms	Documents
(Gly-X-Lys)	0

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<u>L6</u>	(Gly-X-Lys)	0	<u>L6</u>
<u>L5</u>	11 and (gly-X-Pro)	0	<u>L5</u>
<u>L4</u>	L1 and (trimer or dimer)	0	<u>L4</u>
<u>L3</u>	L1 and (altering the rate of collagen degradation)	1	<u>L3</u>
<u>L2</u>	L1 and (type II collagen)	1	<u>L2</u>
<u>L1</u>	6110689.pn.	1	<u>L1</u>

END OF SEARCH HISTORY

Refine Search

Search Results -

Terms	Documents
L1 and (trimer or dimer)	0

Database:

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<u>L4</u>	L1 and (trimer or dimer)	0	<u>L4</u>
<u>L3</u>	L1 and (altering the rate of collagen degradation)	1	<u>L3</u>
<u>L2</u>	L1 and (type II collagen)	1	<u>L2</u>
<u>L1</u>	6110689.pn.	1	<u>L1</u>

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